What is claimed is:

1. A fixing member comprising:

an elastic layer including heat resistance rubber provided onto a substrate; and

a separation layer including fluorocarbon resin provided onto said elastic layer,

wherein said fluorocarbon resin is that a tensile strength of a 30 μ m coating film burned at 340℃ is equal or greater than 25MPa.

2. The fixing member according to Claim 1, wherein said heat resistance rubber comprises silicone rubber or fluorosilicone rubber as a major component.

3. The fixing member according to Claim 1, wherein said fluorocarbon resin comprises Tetrafluoroethylene·Perfluoroalkylvinylether copolymer resin (PFA) as a major component.

4. The fixing member according to Claim 1, wherein said separation layer contains inorganic filler.

5. The fixing member according to Claim 4, wherein said inorganic filler comprises carbon.

6. The fixing member according to Claim 5, wherein a content of said carbon is from 1 mass % to 5 mass %.

7. The fixing member according to Claim 1, wherein said substrate is a roller made of a metal member including aluminum, stainless still, brass, or iron.

8. The fixing member according to Claim 1, wherein said substrate is (a) a sheet or an endless belt made of a metal member including stainless still, or nickel, (b) a sheet or an endless belt made of heat resistance rubber including polyimide or polyamideimide, or (c) a laminated sheet or an endless belt in which said (a) and (b) are laminated.

9. An image forming apparatus comprises the fixing member according to Claim 1.

10. A manufacturing method of a fixing member comprising the steps of:

forming a first primer layer by applying first primer onto a substrate;

forming an elastic layer by applying heat resistance synthetic rubber solution onto said first primer layer;

forming a second primer layer by applying second primer onto said elastic layer;

forming a fluorocarbon resin applied layer by applying dispersion liquid or powdered paint including fluorocarbon resin with which a tensile strength of a 30 μm coating film burned at 340℃ is equal or greater than 25MPa as a major component onto said second primer layer; and

burning said fluorocarbon resin applied layer with a burning temperature which is equal or higher than 340℃ and less than a temperature for starting oxidation of the heat resistance synthetic rubber constituting said elastic layer.

11. The manufacturing method of the fixing member according to Claim 10, wherein said heat resistance synthetic rubber solution comprises silicone rubber or fluorosilicone rubber as a major component.

12. The manufacturing method of the fixing member according to Claim 10, wherein said fluorocarbon resin comprises Tetrafluoroethylene·Perfluoroalkylvinylether copolymer resin (PFA).

13. The manufacturing method of the fixing member according to Claim 10, wherein said dispersion liquid or said powdered paint contains inorganic filler.

14. The manufacturing method of the fixing member according to Claim 13, wherein said inorganic filler comprises a carbon.

15. The manufacturing method of the fixing member according to Claim 14, wherein a content of said carbon is from 1 mass % to 5 mass %.

16. The manufacturing method of the fixing member according to Claim 10, wherein said substrate is a roller made of a metal member

including aluminum, stainless still, brass, or iron.

17. The manufacturing method of the fixing member according to Claim 10, wherein said substrate is (a) a sheet or an endless belt made of a metal member including stainless still or nickel, (b) a sheet or an endless belt made of a metal member including polyimide or polyamideimide, or (c) a laminated sheet or an endless belt in which said (a) and (b) are laminated.

18. A manufacturing method of an image forming apparatus comprising the steps of:

forming a first primer layer by applying first primer onto a substrate;

forming an elastic layer by applying heat resistance synthetic rubber solution onto said first primer layer;

forming a second primer layer by applying second primer onto said elastic layer;

forming a fluorocarbon resin applied layer by applying dispersion liquid or powdered paint including fluorocarbon resin with which a tensile strength of a 30 μm coating film burned at 340℃ is equal or greater than 25MPa as a major component onto said second primer layer;

burning said fluorocarbon resin applied layer with a burning temperature which is equal or higher than 340℃ and less than a temperature for starting oxidation of the heat resistance synthetic rubber constructing said elastic layer; and

incorporating the fixing member obtained by said steps into an

image forming apparatus.